

Comparisons of Job Characteristics

Focus Occupation: Cement Masons and Concrete Finishers (47-2051)

Associated Occupation: Fence Erectors (47-4031)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

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<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 85

Focus Occupation: Cement Masons and Concrete Finishers (47-2051)

Associated Occupation: Fence Erectors (47-4031)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Building and Construction	4.0	9.4	15.0	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Cement Masons and Concrete Finishers (47-2051)

Associated Occupation: Fence Erectors (47-4031)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	8.9	7.3	< A higher skill level may be required
Equipment Selection	3.3	6.2	3.8	<< Extensive development of skills in this area may be required
Equipment Maintenance	3.5	6.1	1.9	<< Extensive development of skills in this area may be required
Repairing	3.4	5.4	2.0	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: Cement Masons and Concrete Finishers (47-2051)

Associated Occupation: Fence Erectors (47-4031)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Static Strength	5.0	12.2	10.2	<	Some improvement in abilities may be required
Trunk Strength	5.7	12.1	12.6	0	Current ability level may be sufficient
Multilimb Coordination	6.0	11.8	10.0	<	Some improvement in abilities may be required
Extent Flexibility	4.8	9.7	10.6	0	Current ability level may be sufficient
Dynamic Strength	3.5	9.4	8.2	<	Some improvement in abilities may be required
Stamina	4.0	9.4	8.9	0	Current ability level may be sufficient
Gross Body Coordination	3.9	8.3	8.0	0	Current ability level may be sufficient
Speed of Limb Movement	3.2	8.1	8.5	0	Current ability level may be sufficient
Glare Sensitivity	2.6	5.8	5.3	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Cement Masons and Concrete Finishers (47-2051)

Associated Occupation: Fence Erectors (47-4031)

Work Activities	Exclusivity of Activity
Adhere to safety procedures	12
Build or repair structures in construction, repair, or manufacturing setting	54
Fabricate, assemble, or disassemble manufactured products by hand	11
Mix mortar, grout, slurry, concrete, or related masonry material	80
Move or fit heavy objects	8
Read tape measure	41
Read technical drawings	7
Understand construction specifications	53
Use basic carpentry techniques	62
Use concrete fabrication techniques	74
Use hand or power tools	2
Use measuring devices in construction or extraction work	41
Verify levelness or verticality, using level or plumb bob	72

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Cement Masons and Concrete Finishers (47-2051)
Associated Occupation: Fence Erectors (47-4031)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.